WO 2004/112832 PCT/IB2004/002421

SEQUENCE LISTING

SEQ ID NO: 1

GSGGGG

SEQ ID NO: 2

MTFFKPSTVVLTASALALSGCVADPVTGQQSPNKSAMYGLGGAAVCGIVGALTHSGKGARNSALACGAIGAGVGGYMDYQEQRLRQNL AGTQIEIQRQGNQIRLVMPESVTFATGSAALGGSAQYALNTAAQTLVQYPDTTLTINGHTDNTGSDAVNNPLSQHRAQAVAYYLQTRG VAASRLTVYGYGSHMPVASNATVEGRAQNRRVEILINPDORAVNAARHM

SEQ ID NO: 3

MPSEALQTAFRGNIRRSFTMIRLTRAFAAALIGLCCTTGAHADTFQKIGFINTERIYLESKQARNIQKTLDGEFSARQDELQKLQREG LDLERQLAGGKLKDAKKAQAEEKWRGLVEAFRKKQAQFEEDYNLRRNEEFASLQQNANRVIVKIAKQEGYDVILQDVIYVNTQYDVTD SVIKEMNAR

5 **SEQ ID NO: 4**

MNTIFKISALTLSAALALSACGKKEAAPASASEPAAASAAQGDTSSIGSTMQQASYAMGVDIGRSLKQMKEQGAEIDLKVFTDAMQAV YDGKEIKMTEEQAQEVMMKFLQEQQAKAVEKHKADAKANKEKGEAFLKENAAKDGVKTTASGLQYKITKQGEGKQPTKDDIVTVEYEG RLIDGTVFDSSKANGGPATFPLSQVIPGWTEGVRLLKEGGEATFYIPSNLAYREQGAGEKIGPNATLVFDVKLVKIGAPENAPAKQPD QVDIKKVN

SEQ ID NO: 5

MILASLVRYYRRLATETDETGNPKVPSYGFSEEKIGWILVLDKEGRLKTVVPNLTADKKPQPKLMSVPRPEKRTSGIKPNFLWDKTAY ALGVEANKNKAEAKEKPFTPSEKTFEAFKQYHLDLLQNSEDEGLQALCRFLQNWQPAHFAAENLPAEMLDSNTAFSLEKPTALIHKRE AAQTLWAGCLKSDEALESLCLISGDTAPIARLHPAIKGVFGGQSSGGSIISFNKEAFSSFGKEQGANAPVSEQSAFAYTTALNYLLRR ENNHCLTIGDASTVFWAEADDIVD

SEQ ID NO: 6

MVAYAFLFLFVTAAVLLIVRSHYRWTYFFASALFVFLAGGMLMLTAQWQRALNFASVWFVVLILFHRLKIHYYKQPLLISDFLLIADW RNWETLFHYKEAVIGMAGLLALAGYAVFGWSGADSLGMPWRWAGAVLFAAAFVSVRHFSKHPGAVKTWLDSLPDDGRDVFLNLPMSCR AVFFQVPVFEGDGEAFARQMPSETRPYGMSDEKPDIVVTLMESTLDPHCFDFAAAKIPDLKMFGRQEDTVFSSPLRVHTFGGATWKSE FAFLAGVPSTDFGALASGVFYSVVPHLQTGFVRNLREHGYFCVALSPFTKGNYNAKAAYDHFGFNLMFQPQDLGYPAPMGKNLWHISS EEMMQYARMILEKRHPDLENVRQPMFVYVLTMKEHGPYRTDTDNVFDLDAPDLNAKTVSALNDYIGRIADLDKAVESFDRYLHERGKP FVFGYFGDHQVPFEGVSVRKKWDYAQPDYVTQFAVRSNIAGGFVQRQDFLDLAFAGGVLMEAAGLEAKDGFMRANMAMRGLCGGGLED CPNRELVGNYRNYLYDVLKIAR

SEQ ID NO: 7

MKTTDKRTTETHRKAPKTGRIRFSPAYLAICLSFGILPQARAGHTYFGINYQYYRDFAENKGKFAVGAKDIEVYNKKGELVGKSMTKA ${\tt PMIDFSVVSRNGVAALAGDQYIVSVAHNGGYNNVDFGAEGSNPDQHRFSYQIVKRNNYKAGTNGHPYGGDYHMPRLHKFVTDAEPVEM}$ ${\tt TSYMDGWKYADLNKYPDRVRIGAGRQYWRSDEDEPNNRESSYHIASAYSWLVGGNTFAQNGSGGGTVNLGSEKIKHSPYGFLPTGGSF}$ GDSGSPMFIYDAQKQKWLINGVLQTGNPYIGKSNGFQLVRKDWFYDEIFAGDTHSVFYEPHQNGKYFFNDNNNGAGKIDAKHKHYSLP ISDGSTVTWKVNGVANDRLSKIGKGTLLVQAKGENQGSVSVGDGKVILDQOADDOGKKOAFSEIGLVSGRGTVOLNADNOFNPDKLYF GFRGGRLDLNGHSLSFHRIQNTDEGAMIVNHNQDKESTVTITGNKDITTTGNNNNLDSKKEIAYNGWFGEKDATKTNGGLNLNYPPEE ${\tt ADRTLLLSGGTNLNGNITQTNGKLFFSGRPTPHAYNHLGSGWSKMEGIPQGEIVWDNDWIDRTFKAENFHIQGGQAVVSRNVAKVEGD}$ WHLSNHAQAVFGVAPHQSHTICTRSDWTGLTSCTEKTITDDKVIASLSKTDVRGNVSLADHAHLNLTGLATFNGNLVOAETRTIRLRA ${\tt NATQNGNLSLVGNAQATFNQATLNGNTSASDNASFNLSNNAVQNGSLTLSDNAKANVSHSALNGNVSLADKAVFHFENSRFTGKISGG}$ KDTALHLKDSEWTLPSGTELGNLNLDNATITLNSAYRHDAAGAQTGSAADAPRRRSRRSLLSVTPPTSAESRFNTLTVNGKLNGQGTF RFMSELFGYRSGKLKLAESSEGTYTLAVNNTGNEPVSLEQLTVVEGKDNTPLSENLNFTLQNEHVDAGAWRYOLIRKDGEFRLHNPVK EQELSDKLGKAGETEAALTAKQAQLAAKQQAEKDNAOSLDALIAAGRNATEKAESVAEPAROAGGENAGIMOAEEEKKRVOADKDTAL AKQREAETRPATTAFPRARRARRDLPQPQPQPQPQPQPQPQRDLISRYANSGLSEFSATLNSVFAVQDELDRVFAEDRRNAVWTSGIRDTKH $\tt YRSQDFRAYRQQTDLRQIGMQKNLGSGRVGILFSHNRTGNTFDDGIGNSARLAHGAVFGQYGIGRFDIGISAGAGFSSGSLSDGIRGK$ IRRRVLHYGIQARYRAGFGGFGIEPHIGATRYFVQKADYRYENVNIATPGLAFNRYRAGIKADYSFKPAQHISITPYLSLSYTDAASGKVRTRVNTAVLAQDFGKTRSAEWGVNAEIKGFTLSLHAAAAKGPQLEAQHSAGIKLGYRW